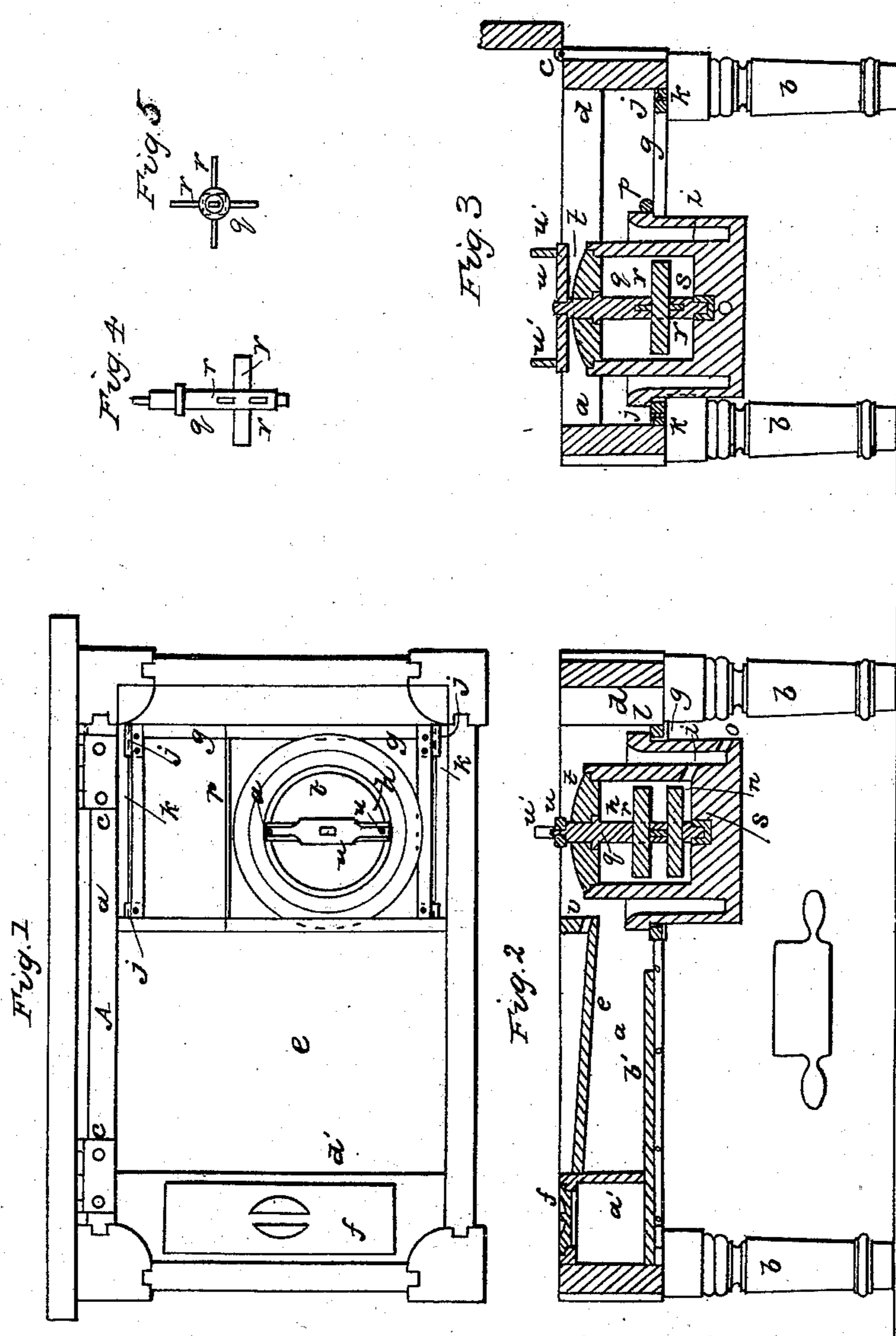


W. H. HART
Butter Worker.

No. 55,857.

Patented June 26, 1866.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM H. HART, OF MEDFIELD, MASSACHUSETTS.

IMPROVEMENT IN BUTTER-WORKERS.

Specification forming part of Letters Patent No. 55,857, dated June 26, 1866.

To all whom it may concern:

Be it known that I, WILLIAM H. HART, of Medfield, in the county of Norfolk and State of Massachusetts, have invented a new and Improved Butter-Working and Culinary Apparatus; and I do hereby declare that the same is fully described and represented in the following specification and the accompanying drawings, of which—

Figure 1 is a plan of my invention with the table-cover raised. Fig. 2 is a longitudinal section of the same, and Fig. 3 a transverse section of the same, taken through the churn. Fig. 4 is a side view of the churn-dasher, and Fig. 5 a top view of it.

My present invention consists in combining in one table or receptacle the various articles used in butter-making, which are now scattered about in different places.

It further consists in the combination, with the above-mentioned receptacle, of a churn and its heating-vessel, substantially as hereinafter described.

In the drawings, A represents a table composed of a rectangular frame, *a*, and four legs, *b b b b*, having its top or cover hinged to the rear part of the frame, as shown at *c* in the drawings, in order that it may be turned up into a vertical position to enable access to be had to the interior parts of the table.

An inclined tablet, *e*, is placed in the upper part of the frame and extends longitudinally about half-way the length of the table, its purpose being to receive the butter which is to be worked upon it. One end of this tablet, or that next the end of the table, is constructed with a sunken space or box, *a'*, for holding salt which is to be worked into the butter, it having a tightly-fitting lid, *f*. Furthermore, a shelf, *b'*, may be placed within the frame and underneath the tablet, thus forming a receptacle for the various articles used in butter-making, or for cooking utensils when the table is used for culinary purposes.

Within the space between the tablet and the opposite end of the frame, and a short distance below the tablet, is a sliding receiver, *g*, for holding the churn *h* and its heater or heating-vessel *i*, the receiver being a rectangular frame having projections *j j* to rest upon ledges *k k*, secured to opposite sides of the table-frame, and has within it a dasher composed of an

upright spindle, *q*, and a series of blades or beaters, *r r r*, &c., the spindle at its lower end resting in a glass step, *s*, and at its upper end extending up through and above the cover *t* of the churn, where it is furnished with a hand-bar, *u*, provided with handles *u' u'* for operating it.

The churn, which is a cylindrical vessel, is shown at *h*, and has an annular trough or heater, *i*, surrounding its lower part, for receiving hot water, in order to impart warmth to the churn and to the cream which may be within it.

A hole or passage, *n*, leads from the bottom of the churn into the heater, which, in turn, is provided with an outlet-hole, *o*, for permitting the escape of its contents.

The churn and its heater are to be placed in the receiver *g*, which is provided with a sliding clasp, *p*, to retain the churn in its proper position, as well as to keep the sides of the receiver from being spread apart.

The tablet would usually be covered with zinc when used as a butter-worker, although it may be covered with glass or any other suitable material. It may also have a movable board or cover to be placed upon it when it is used as a molding-board in culinary operations, or which may be placed at any desired angle with respect to the upper surface of the tablet if it should be considered necessary to increase the inclination of it.

In operating with the above-described apparatus the cream is to be placed in the churn and its hole *n* plugged up. The heater, having its outlet closed, is then to be filled with hot water, which will impart the necessary warmth to the cream and render the operation of converting it into butter much more expeditious and easy than if it were cold.

By applying manual power to the hand-bar and working the dasher backward and forward with a quick reciprocating movement the cream will be very quickly churned; or, should the operator become tired of this motion, the dasher may be rotated by applying one hand to one of the handles. On the cream having been churned sufficiently, the outlet of the heater should be opened and the hot water allowed to escape. Next, the hole *a* should be unplugged and the butter-milk allowed to run from the churn through

the outlet of the heater and into a suitable vessel placed to receive it. The butter is then to be placed upon the tablet *e*, which is formed with a spout, *v*, for the escape of the water or any liquid matter which may be used in working the butter or which may be pressed from it. The outlet in the churn and heater should both be stopped, and the heater, by means of its receiver, be moved under the spout of the tablet in order to catch the escaping liquid.

If considered necessary, the heater may be moved away from under the spout and a pail put in its place.

Salt, as it is needed, may be taken from its receptacle, which is in a very convenient position.

The churn and its heater are to be made of stoneware.

From the above description it will be seen that the invention may be used for the purpose of working butter or for ordinary culinary purposes; or, where not used for either of these purposes, its top may be lowered, when it will

become an ordinary working-table. It contains within it many articles that would otherwise be in different places and at different distances apart, and for this reason will save much labor and walking about on the part of the cook or other persons employed on the farm. To farmers it will readily recommend itself.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination consisting of the table *A*, inclined tablet *e*, sliding receiver *g*, churn *h*, and salt-receptacle *a'*, when combined and arranged substantially in manner and to operate as hereinbefore described.

2. In connection with such a combination of parts, the heater surrounding the churn, essentially as set forth.

WILLIAM H. HART.

Witnesses:

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